

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---------------------------------|---|------------------|
| 1 | 6 | cihlar-tomas.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:14 |
| 2 | 726 | hOAT | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:14 |
| 3 | 0 | hOAT same anion same transport? | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:14 |
| 4 | 0 | hOAT same transport? | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:14 |
| 5 | 71 | hOAT same ion | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:18 |
| 6 | 17 | hOAT same anion | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/01 13:18 |

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NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
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=> s cihlar tomas /au
L1 51 CIHLAR TOMAS

=> s hoat (s) anion
L2 29 HOAT (S) ANION

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 14 DUP REM L2 (15 DUPLICATES REMOVED)

=> d l3 total ibib

L3 ANSWER 1 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:270894 BIOSIS
DOCUMENT NUMBER: PREV200300270894
TITLE: Interactions of organic anion transporters with choleretic hydroxyacetophenones.
AUTHOR(S): Khamdang, Suparat [Reprint Author]; Takeda, Michio; Endou, Hitoshi; Piyachaturawat, Pawinee
CORPORATE SOURCE: Department of Physiology, Mahidol University, Rama VI, Rajthavee, Bangkok, 10400, Thailand
suparatkhamdang@hotmail.com; takedam@kyorin-u.ac.jp; endouh@kyorin-u.ac.jp; scppy@mahidol.ac.th
SOURCE: FASEB Journal, (March 2003) Vol. 17, No. 4-5, pp. Abstract No. 330.13. <http://www.fasebj.org/>. e-file.
Meeting Info.: FASEB Meeting on Experimental Biology: Translating the Genome. San Diego, CA, USA. April 11-15, 2003. FASEB.
ISSN: 0892-6638 (ISSN print).
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Jun 2003
Last Updated on STN: 1 Aug 2003

L3 ANSWER 2 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:501864 BIOSIS
DOCUMENT NUMBER: PREV200200501864
TITLE: Gene encoding organic anion transporter.
AUTHOR(S): Cihlar, Tomas [Inventor, Reprint author]
CORPORATE SOURCE: San Mateo, CA, USA
ASSIGNEE: Gilead Sciences, Inc.
PATENT INFORMATION: US 6432631 August 13, 2002
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Aug. 13, 2002) Vol. 1261, No. 2.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 25 Sep 2002
Last Updated on STN: 25 Sep 2002

L3 ANSWER 3 OF 14 MEDLINE on STN DUPLICATE 1
ACCESSION NUMBER: 2002386930 MEDLINE
DOCUMENT NUMBER: 22126144 PubMed ID: 12130730
TITLE: Characterization of methotrexate transport and its drug interactions with human organic anion transporters.
AUTHOR: Takeda Michio; Khamdang Suparat; Narikawa Shinichi; Kimura Hiroaki; Hosoyamada Makoto; Cha Seok Ho; Sekine Takashi; Endou Hitoshi
CORPORATE SOURCE: Department of Pharmacology and Toxicology, Kyorin University School of Medicine, 6-20-2 Shinkawa, Mitaka-shi, Tokyo 181-8611, Japan.
SOURCE: JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2002 Aug) 302 (2) 666-71.
Journal code: 0376362. ISSN: 0022-3565.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020724
Last Updated on STN: 20020830
Entered Medline: 20020829

L3 ANSWER 4 OF 14 MEDLINE on STN DUPLICATE 2
ACCESSION NUMBER: 2002101754 MEDLINE
DOCUMENT NUMBER: 21673533 PubMed ID: 11815391
TITLE: Uraemic toxins induce proximal tubular injury via organic anion transporter 1-mediated uptake.
AUTHOR: Motojima Masaru; Hosokawa Atsuko; Yamato Hideyuki; Muraki Takamura; Yoshioka Toshimasa
CORPORATE SOURCE: Department of Pharmacology, Tokyo Women's Medical University, School of Medicine, 8-1 Kawada-cho, Shinjuku-ku, Tokyo 162-8666, Japan.
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (2002 Jan) 135 (2) 555-63.
Journal code: 7502536. ISSN: 0007-1188.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20020209
Last Updated on STN: 20020404
Entered Medline: 20020402

L3 ANSWER 5 OF 14 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 2002630611 MEDLINE
DOCUMENT NUMBER: 22276263 PubMed ID: 12388633
TITLE: Interactions of human organic anion transporters and human organic cation transporters with nonsteroidal anti-inflammatory drugs.
AUTHOR: Khamdang Suparat; Takeda Michio; Noshiro Rie; Narikawa Shinichi; Enomoto Atsushi; Anzai Naohiko; Piyachaturawat Pawinee; Endou Hitoshi
CORPORATE SOURCE: Department of Pharmacology and Toxicology, Kyorin University School of Medicine, 6-20-2 Shinkawa, Mitaka-shi, Tokyo 181-8611, Japan.
SOURCE: JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2002 Nov) 303 (2) 534-9.
Journal code: 0376362. ISSN: 0022-3565.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200211

ENTRY DATE: Entered STN: 20021022
Last Updated on STN: 20021213
Entered Medline: 20021122

L3 ANSWER 6 OF 14 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2002174880 MEDLINE
DOCUMENT NUMBER: 21904689 PubMed ID: 11907186
TITLE: Human organic anion transporters and human organic cation transporters mediate renal transport of prostaglandins.
AUTHOR: Kimura Hiroaki; Takeda Michio; Narikawa Shinichi; Enomoto Atsushi; Ichida Kimiyoshi; Endou Hitoshi
CORPORATE SOURCE: Division of Nephrology and Hypertension, Department of Internal Medicine, Jikeikai University School of Medicine, Tokyo, Japan.
SOURCE: JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2002 Apr) 301 (1) 293-8.
Journal code: 0376362. ISSN: 0022-3565.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20020322
Last Updated on STN: 20020419
Entered Medline: 20020418

L3 ANSWER 7 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:279311 BIOSIS
DOCUMENT NUMBER: PREV200200279311
TITLE: Human organic **anion** transporters (**hOATs**) and human organic cation transporters (**hOCTs**) mediate renal antiviral transport.
AUTHOR(S): Takeda, Michio [Reprint author]; Khamdang, Suparat [Reprint author]; Narikawa, Shinichi [Reprint author]; Kimura, Hiroaki [Reprint author]; Kobayashi, Yasuna; Yamamoto, Toshinori; Sekine, Takashi [Reprint author]; Endou, Hitoshi [Reprint author]
CORPORATE SOURCE: Dept. Pharmacol. Toxicol., Kyorin Univ. Sch. Med., Tokyo, Japan
SOURCE: Japanese Journal of Pharmacology, (2002) Vol. 88, No. Supplement 1, pp. 209P. print.
Meeting Info.: 75th Annual Meeting of the Japanese Pharmacological Society. Kumamoto, Japan. March 13-15, 2002. Japanese Pharmacological Society.
CODEN: JJPAAZ. ISSN: 0021-5198.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 8 May 2002
Last Updated on STN: 8 May 2002

L3 ANSWER 8 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:279310 BIOSIS
DOCUMENT NUMBER: PREV200200279310
TITLE: Human organic **anion** transporters (**hOATs**) and human organic cation transporters (**hOCTs**) mediate renal transport of prostaglandins (PGs).
AUTHOR(S): Kimura, Hiroaki [Reprint author]; Takeda, Michio [Reprint author]; Narikawa, Shinichi [Reprint author]; Enomoto, Atsushi [Reprint author]; Hosoya, Tatsuo; Endou, Hitoshi [Reprint author]
CORPORATE SOURCE: Dept. of Pharmacol. and Toxicol., Kyorin Univ. Sch. of Med., Tokyo, Japan
SOURCE: Japanese Journal of Pharmacology, (2002) Vol. 88, No.

Supplement 1, pp. 209P. print.
Meeting Info.: 75th Annual Meeting of the Japanese
Pharmacological Society. Kumamoto, Japan. March 13-15,
2002. Japanese Pharmacological Society.
CODEN: JJPAAZ. ISSN: 0021-5198.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 8 May 2002
Last Updated on STN: 8 May 2002

L3 ANSWER 9 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:583625 BIOSIS
DOCUMENT NUMBER: PREV200200583625
TITLE: Modulatory effect of EGF on human organic anion transporter
1 (hOAT1).
AUTHOR(S): Hesse, D. [Reprint author]; Holzinger, H. [Reprint author];
Sauvant, C. [Reprint author]; Gekle, M. [Reprint author]
CORPORATE SOURCE: Physiologisches Institut, Universitaet Wuerzburg,
Wuerzburg, Germany
SOURCE: Kidney and Blood Pressure Research, (2002) Vol. 25, No. 3,
pp. 146-147. print.
Meeting Info.: Joint Scientific Meeting of the Gesellschaft
fuer Nephrologie, Deutsche Arbeitsgemeinschaft fuer
Klinische Nephrologie. Dusseldorf, Germany. September
28-October 01, 2002. Gesellschaft fuer Nephrologie.
ISSN: 1420-4096.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Nov 2002
Last Updated on STN: 13 Nov 2002

L3 ANSWER 10 OF 14 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2002121651 MEDLINE
DOCUMENT NUMBER: 21844457 PubMed ID: 11855680
TITLE: Human organic anion transporters mediate the transport of
tetracycline.
AUTHOR: Babu Ellappan; Takeda Michio; Narikawa Shinichi; Kobayashi
Yasuna; Yamamoto Toshinori; Cha Seok Ho; Sekine Takashi;
Sakthisekaran Dhanapal; Endou Hitoshi
CORPORATE SOURCE: Department of Pharmacology and Toxicology, Kyorin
University School of Medicine, Mitaka-shi, Tokyo, Japan.
SOURCE: JAPANESE JOURNAL OF PHARMACOLOGY, (2002 Jan) 88 (1) 69-76.
Journal code: 2983305R. ISSN: 0021-5198.
PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020222
Last Updated on STN: 20020816
Entered Medline: 20020815

L3 ANSWER 11 OF 14 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
ACCESSION NUMBER: 2000078117 EMBASE
TITLE: Cytotoxicity of antiviral nucleotides adefovir and
cidofovir is induced by the expression of human renal
organic anion transporter 1.
AUTHOR: Ho E.S.; Lin D.C.; Mendel D.B.; Cihlar T.
CORPORATE SOURCE: Dr. T. Cihlar, 333 Lakeside Drive, Foster City, CA 94404,
United States
SOURCE: Journal of the American Society of Nephrology, (2000) 11/3

(383-393).
 Refs: 49
 ISSN: 1046-6673 CODEN: JASNEU
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Article
 FILE SEGMENT: 028 Urology and Nephrology
 037 Drug Literature Index
 052 Toxicology
 LANGUAGE: English
 SUMMARY LANGUAGE: English

L3 ANSWER 12 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2002:223924 BIOSIS
 DOCUMENT NUMBER: PREV200200223924
 TITLE: Characterization of methotrexate (MTX) transport and its
 drug interaction by human organic **anion**
 transporters (**hOATs**).
 AUTHOR(S): Takeda, Michio [Reprint author]; Narikawa, Shinichi
 [Reprint author]; Hosoyamada, Makoto [Reprint author]; Cha,
 Sek Ho [Reprint author]; Sekine, Takashi [Reprint author];
 Endou, Hitoshi [Reprint author]
 CORPORATE SOURCE: Dept. Pharmacol. Toxicol., Kyorin Univ. Sch. Med,
 Mitaka-shi, Tokyo, Japan
 SOURCE: Journal of the American Society of Nephrology, (September,
 2000) Vol. 11, No. Program and Abstract Issue, pp. 48A.
 print.
 Meeting Info.: 33rd Annual Meeting of the American Society
 of Nephrology and the 2000 Renal Week. Toronto, Ontario,
 Canada. October 10-16, 2000. American Society of
 Nephrology.
 CODEN: JASNEU. ISSN: 1046-6673.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 3 Apr 2002
 Last Updated on STN: 3 Apr 2002

L3 ANSWER 13 OF 14 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2002:223923 BIOSIS
 DOCUMENT NUMBER: PREV200200223923
 TITLE: Characterization of ochratoxin A (OTA) transport by human
 organic **anion** transporters (**hOATs**).
 AUTHOR(S): Takeda, Michio [Reprint author]; Jung, Kyu Yong [Reprint
 author]; Tojyo, Akihiro; Narikawa, Shinichi [Reprint
 author]; Hosoyamada, Makoto [Reprint author]; Cha, Sek Ho
 [Reprint author]; Sekine, Takashi [Reprint author]; Endou,
 Hitoshi [Reprint author]
 CORPORATE SOURCE: Dept. Pharmacol. Toxicol., Kyorin Univ. Sch. Med.,
 Mitaka-shi, Tokyo, Japan
 SOURCE: Journal of the American Society of Nephrology, (September,
 2000) Vol. 11, No. Program and Abstract Issue, pp. 47A-48A.
 print.
 Meeting Info.: 33rd Annual Meeting of the American Society
 of Nephrology and the 2000 Renal Week. Toronto, Ontario,
 Canada. October 10-16, 2000. American Society of
 Nephrology.
 CODEN: JASNEU. ISSN: 1046-6673.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 3 Apr 2002
 Last Updated on STN: 3 Apr 2002

L3 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1999:795851 CAPLUS
 DOCUMENT NUMBER: 132:19673
 TITLE: Cloning and cDNA sequence of a human organic
 anion transporter (hOAT) and its
 diagnostic and therapeutic uses
 INVENTOR(S): Cihlar, Tomas
 PATENT ASSIGNEE(S): Gilead Sciences, Inc., USA
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 9964459 | A2 | 19991216 | WO 1999-US13172 | 19990610 |
| WO 9964459 | A3 | 20021003 | | |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 9943389 | A1 | 19991230 | AU 1999-43389 | 19990610 |
| EP 1086132 | A1 | 20010328 | EP 1999-955480 | 19990610 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| US 6432631 | B1 | 20020813 | US 1999-330245 | 19990610 |
| JP 2003520013 | T2 | 20030702 | JP 2000-553465 | 19990610 |
| US 6479231 | B1 | 20021112 | US 2000-721104 | 20001122 |
| US 2003106075 | A1 | 20030605 | US 2002-86816 | 20020228 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1998-88864P | P 19980611 |
| | | | US 1999-132267P | P 19990503 |
| | | | US 1999-330245 | A 19990610 |
| | | | WO 1999-US13172 | W 19990610 |
| | | | US 1999-167436P | P 19991123 |